

# Business Intelligence Reporting

## FI Demo 3: Adding Confidential InfoObjects

Washington State HRMS Business Intelligence (BI)  
BI Power User Workshop Materials  
General Topics - BI Financials Power Users

# FI Demo 3: Adding Confidential InfoObjects

The following demonstration will show how to add Confidential InfoObjects and Security Variables to the ad hoc query created in FI Demo 2: Modifying a Basic Ad Hoc Query.

Concepts covered in this demonstration include:

- I. Saving a Query as a New Query
- II. Adding a Confidential InfoObject
- III. Running the Ad Hoc Query Without a Security Variable
- IV. Adding a Security Variable
- V. Running the Ad Hoc Query with a Security Variable
- VI. Ad Hoc Query Results

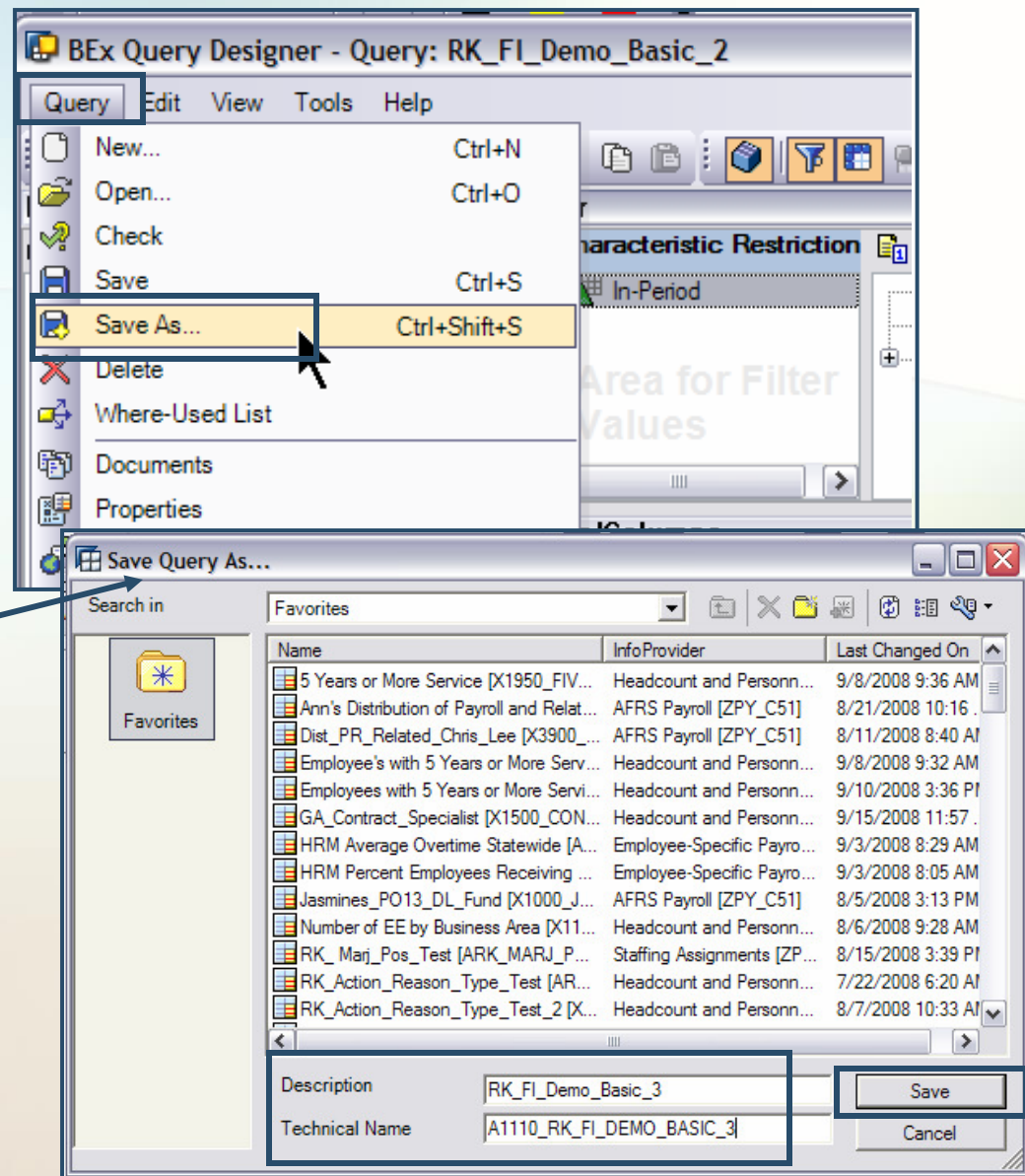
RK_FI_Demo_Basic_3						
Display As <span>Table</span> <span>Information</span> <span>Send</span> <span>Print Version</span> <span>Export to Excel</span> <span>Comments</span>						
Columns	Biennium	Agency	Employee	AFRS Dollars	Percentage	Benefit Costs Only (Object B)
Key Figures				\$	%	\$
Rows	2007	2007/111		88,634.55	0.20482	19,054.55
Biennium				104,170.80	0.24072	20,745.14
Agency				130,567.15	0.30172	23,637.61
Employee				6,994.97	0.01616	1,871.29
Free characteristics				12,327.48	0.02849	3,627.94
Sub-Object				6,782.45	0.01567	1,864.05
				108,072.27	0.24974	21,211.52
				71,553.96	0.16535	17,443.96
				3,839.31	0.00887	462.58
				140,266.38	0.32413	24,538.88
				108,466.85	0.25065	21,260.65
				10,700.42	0.02473	900.42

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# FI Demo 3: Adding Confidential InfoObjects

## I. Saving a Query as a New Query

1. Open the Demo Basic FI Query Part 2 in BEx Query Designer.
2. Click "Query" from the menu options
3. Select "Save As...".



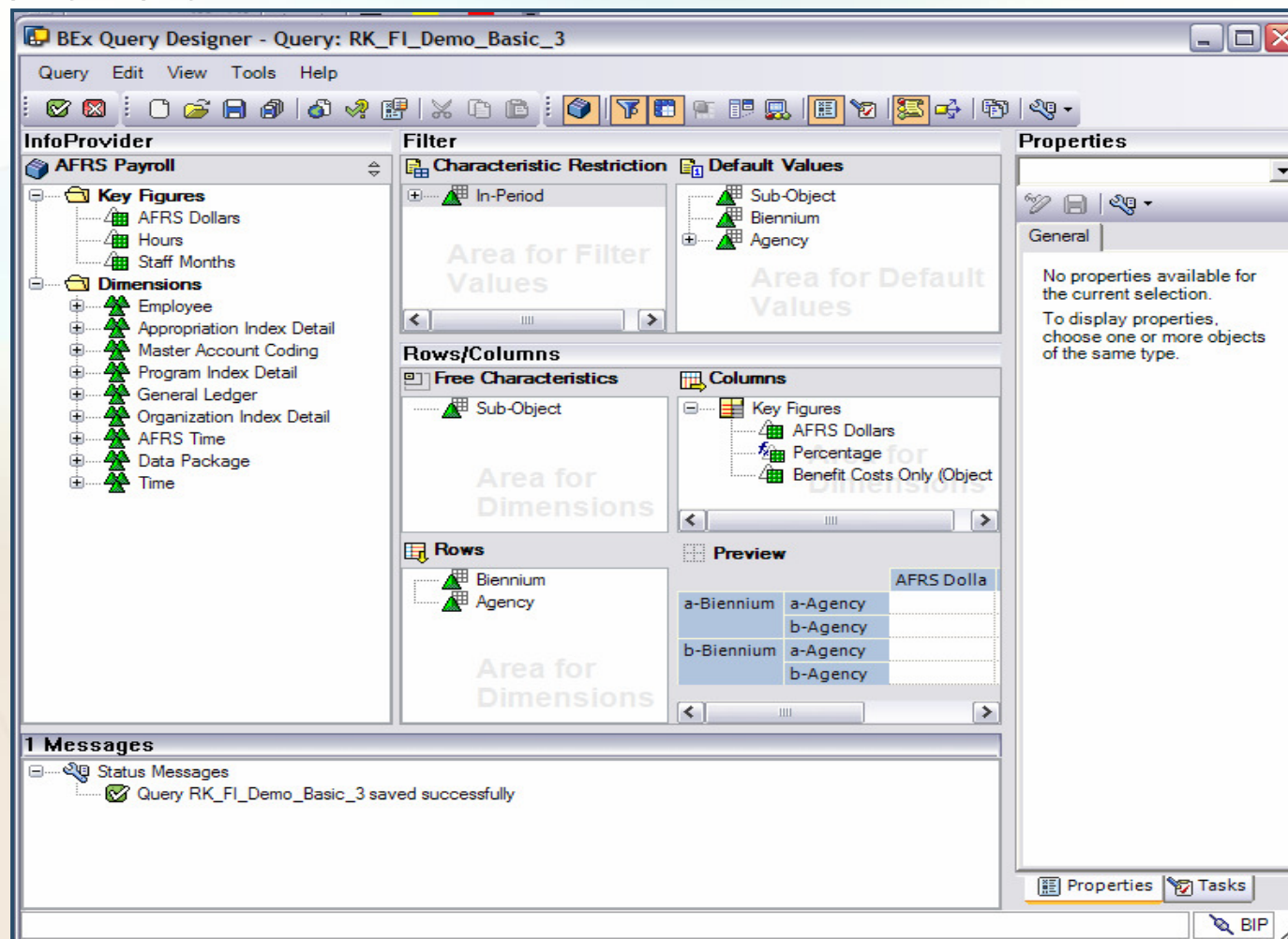
Result: The "Save Query As..." screen will be displayed.

4. Enter a new description name in the Description text box of the "Save Query As..." screen.
5. Enter a new technical name in the Technical Name text box of the "Save Query As.." screen.
6. Click Save.

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## I. Saving the Modified Query as a New Query, Cont...

Result: A new Ad hoc query will be saved and return the user to BEx Query Designer with the new ad hoc query displayed for modifications.



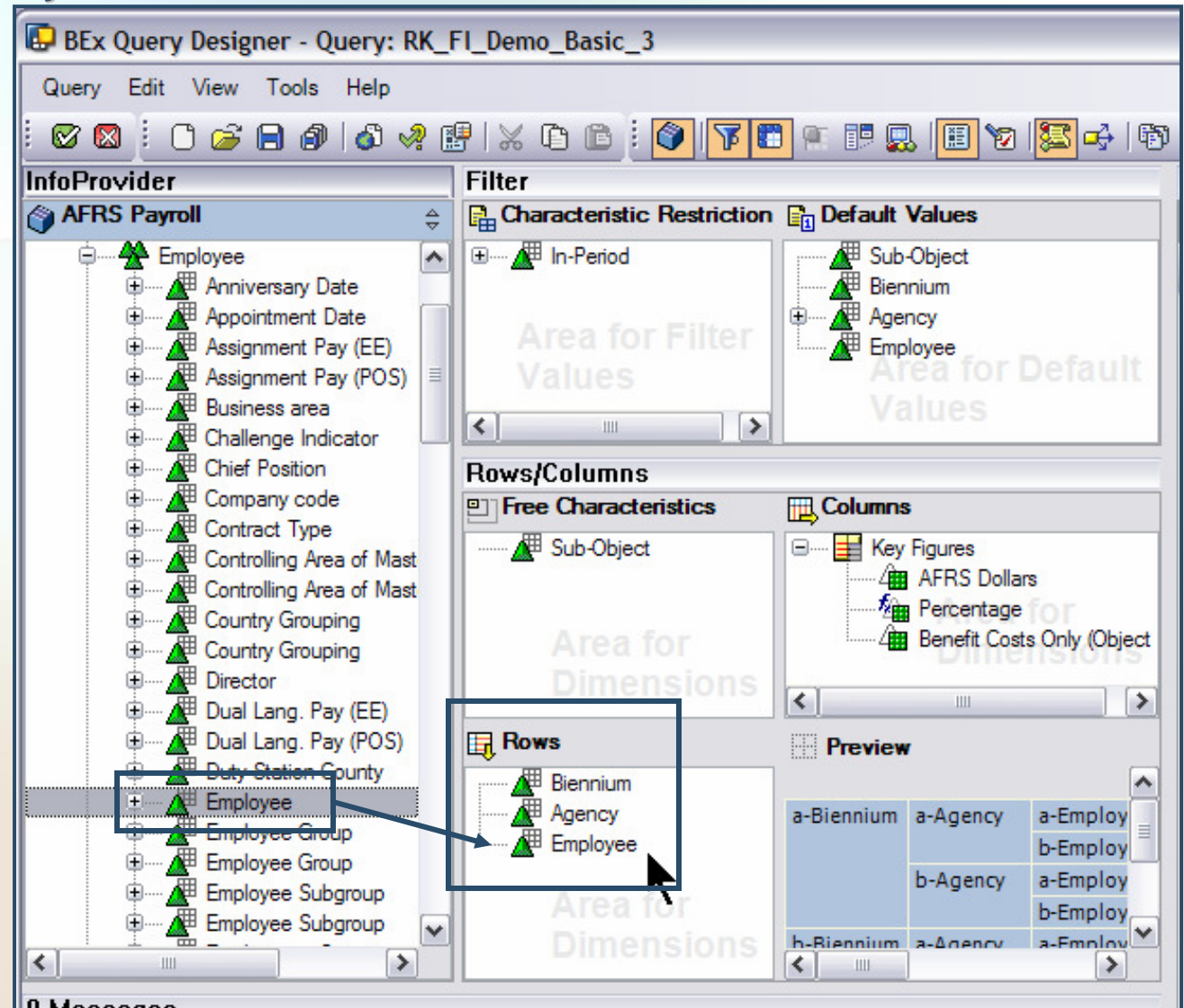


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## II. Adding a Confidential InfoObject


1. Drag&Drop the Employee Characteristic from the Employee Dimension to the Rows section of the query.

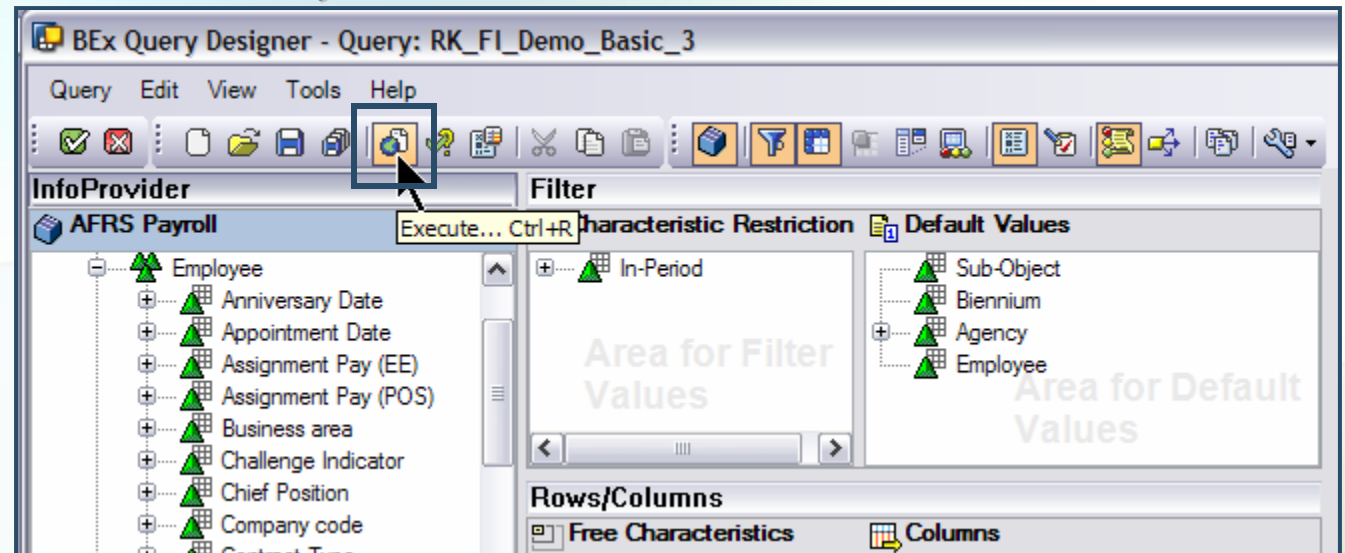
Employee is a confidential InfoObject and will check security prior to running the query.



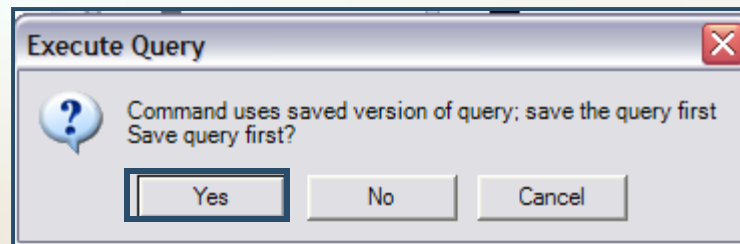
# FI Demo 3: Adding Confidential InfoObjects

## III. Running the Ad Hoc Query without a Security Variable

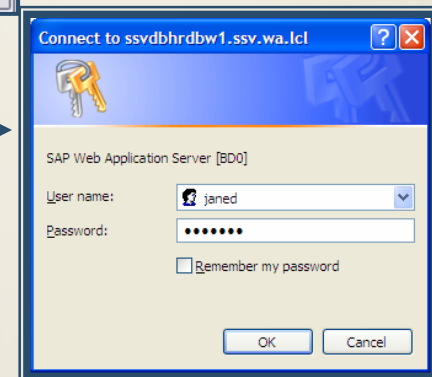
1. Click the Execute Query on the Web icon  from the BEx Query Designer toolbar.



If prompted to Save the query, click Yes.



If prompted, enter your BI User Name and Password and click OK.

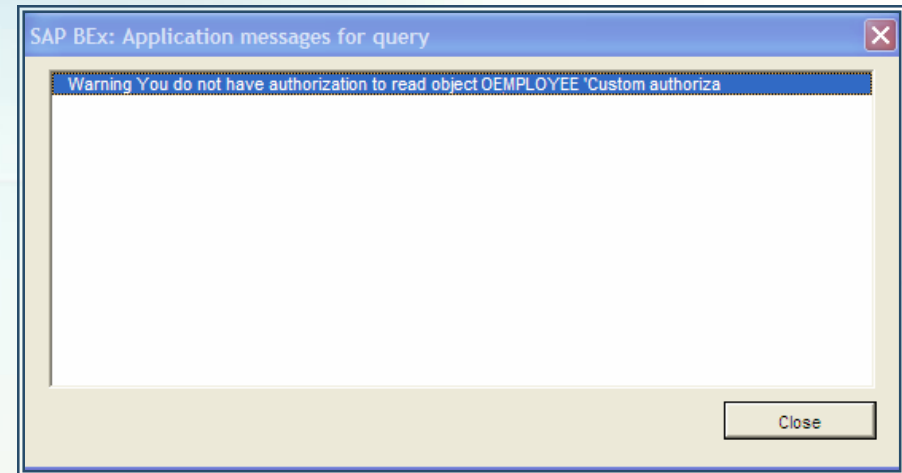


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## III. Running the Ad Hoc Query without a Security Variable, Cont...

Results: An authorization error will be displayed.

If a Security Variable is not included with the Employee characteristic, BI Security will return an authorization error for users who do not have statewide access.



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## IV. Adding a Security Variable

1. Expand the Employee Dimension.
2. Expand the Employee Characteristic.
3. Expand the Characteristic Value Variables for Employee.
4. Drag&Drop The Personnel Number (Auth - No Display) Variable on top of the Employee Characteristic in the Rows section of the query.

The screenshot shows the BEx Query Designer interface for a query named 'RK\_FI\_Demo\_Basic\_3'. The interface is divided into several panes:


- InfoProvider:** Displays a tree structure under 'AFRS Payroll'. The 'Employee' dimension is expanded, showing various characteristics. The 'Employee Number (Auth - No Display)' variable is highlighted in the 'Characteristic value variables' folder.
- Filter:** Contains a 'Characteristic Restriction' section with 'In-Period' and a 'Default Values' section with 'Sub-Object', 'Biennium', 'Agency', and 'Employee'. The 'Employee' variable is highlighted in the 'Default Values' section.
- Rows/Columns:** Contains a 'Free Characteristics' section with 'Sub-Object' and a 'Columns' section with 'Key Figures' (AFRS Dollars, Percentage, Benefit Costs Only (Obj)).
- Rows:** Contains a list of dimensions: 'Biennium', 'Agency', and 'Employee'.
- Preview:** Displays a table with columns 'a-Biennium', 'a-Agency', and 'a-Emp'. The table shows data for 'a-Biennium', 'a-Agency', and 'a-Emp'.

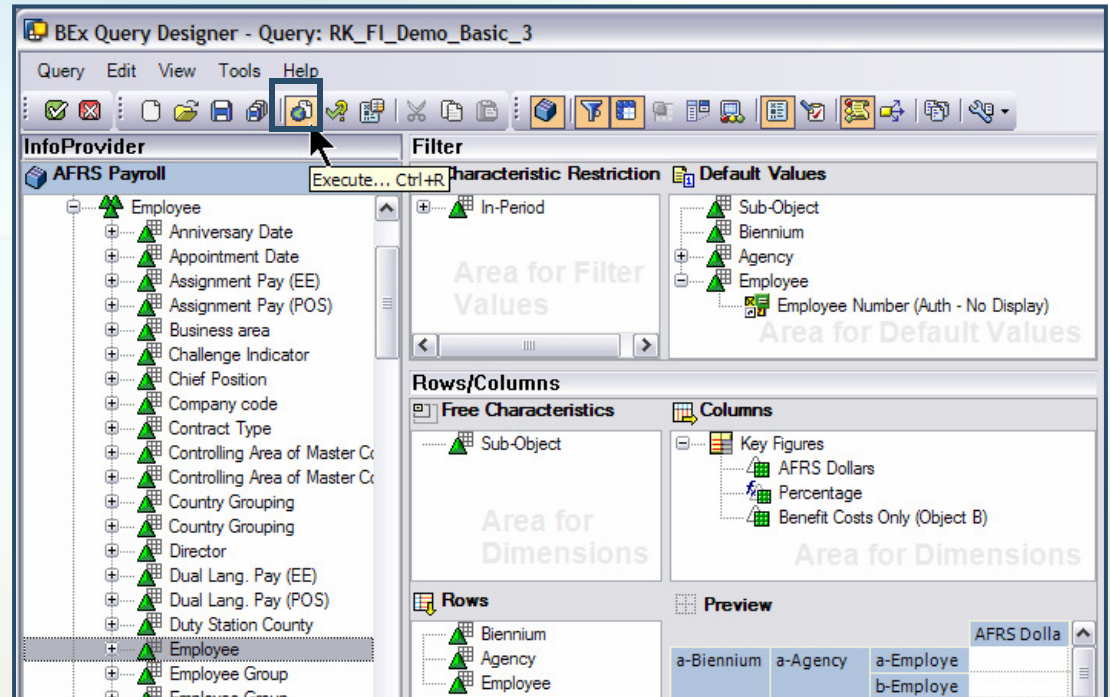
The 'Employee Number (Auth - No Display)' variable is being dragged from the 'InfoProvider' pane to the 'Employee' dimension in the 'Rows' section.



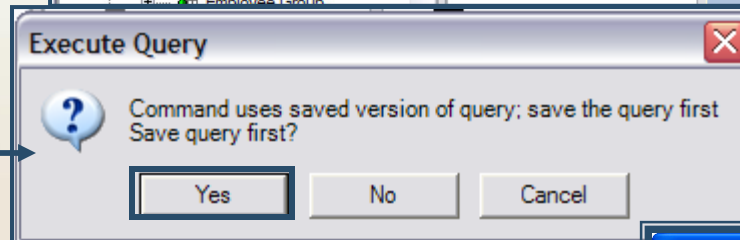
# FI Demo 3: Adding Confidential InfoObjects

## V. Running the Ad Hoc Query with a Security Variable

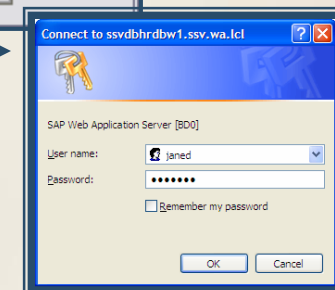
1. Click the Display Query on the Web icon  from the BEx Query Designer toolbar.



If prompted to Save the query, click Yes.



If prompted, enter your BI User Name and Password and click OK.



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## VI. Ad Hoc Query Results

BI security will check Structural Authorizations to ensure the user receives results for only the data they have access to.

Display As <span>Table</span> <span>Information</span> <span>Send</span> <span>Print Version</span> <span>Export to Excel</span> <span>Comments</span>						
Columns				AFRS Dollars	Percentage	Benefit Costs Only (Object B)
Rows				\$	%	\$
2007	2007/111			88,634.55	0.20482	19,054.55
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				140,266.38	0.32413	24,538.88
				108,466.85	0.25065	21,260.65
				10,700.42	0.02473	900.42
				42,781.29	0.09886	6,997.59
				3,048.00	0.00704	293.50
				24,243.95	0.05602	9,119.82
				61,699.22	0.14258	15,179.92
				19,056.98	0.04404	4,215.57
				82,066.58	0.18964	15,955.08
				4,128.68	0.00954	490.13
				102,090.87	0.23592	20,474.98
				72,826.85	0.16829	17,563.81
				5,102.41	0.01179	429.81